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Dated: June 15, 2007

Docket No. PCI-017USRCE2  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Philippe Seguela *et al.*

Application No. 09/530,233

Confirmation No. 3952

Filed: April 26, 2000

Art Unit: 1646

For: DNA ENCODING A HUMAN PROTON-  
GATED ION CHANNEL AND USES  
THEREOF

Examiner: M. D. Pak

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated December 15, 2006, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.